

8 times-table

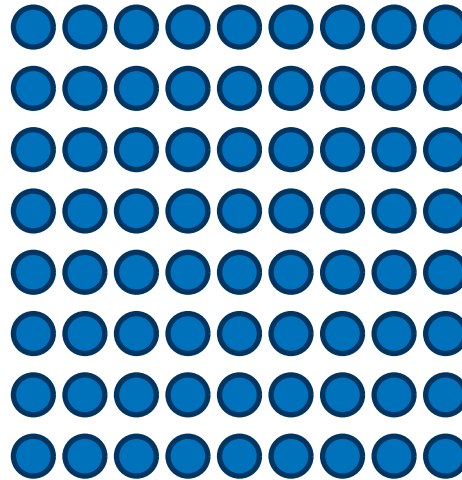
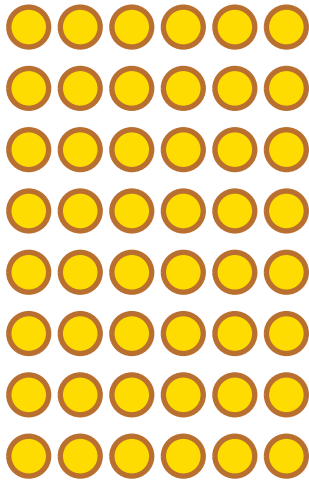
Discover

12 × 2 = 24 12 × 4 = 48 12 × 8 = 96
11 × 2 = 22 11 × 4 = 44 11 × 8 = 88
10 × 2 = 20 10 × 4 = 40 10 × 8 = 80
9 × 2 = 18 9 × 4 = 36 9 × 8 =
8 × 2 = 16 8 × 4 = 32 8 × 8 = 64
7 × 2 = 14 7 × 4 = 28 7 × 8 = 56
6 × 2 = 12 6 × 4 = 24 6 × 8 =
5 × 2 = 10 5 × 4 = 20 5 × 8 = 40
4 × 2 = 8 4 × 4 = 16 4 × 8 = 32
3 × 2 = 6 3 × 4 = 12 3 × 8 = 24
2 × 2 = 4 2 × 4 = 8 2 × 8 =
1 × 2 = 2 1 × 4 = 4 1 × 8 = 8
0 × 2 = 0 0 × 4 = 0 0 × 8 = 0

- What answers are missing?
- What is the connection between the 2, 4 and 8 times-table?

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a) You need to work out 2×8 , 6×8 and 9×8 .

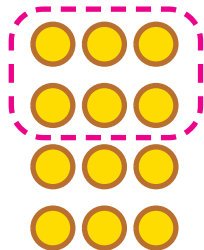


I used arrays to work out the answers. Now I need to try to remember these facts.

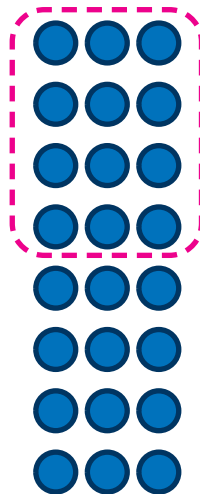
b) Compare the times-tables using arrays.



$$3 \times 2 = 6$$



$$3 \times 4 = 12$$



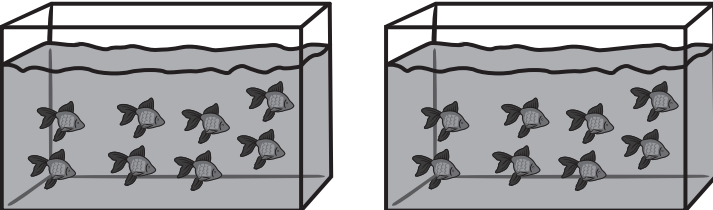
$$3 \times 8 = 24$$

I can see a pattern. The answers double each time.

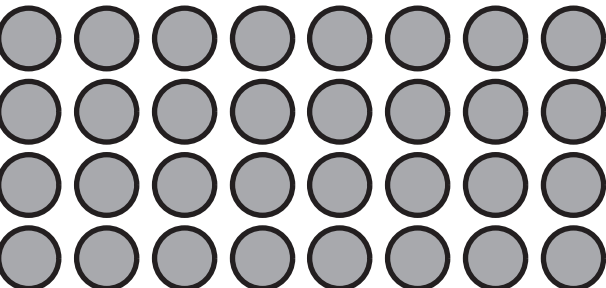


8 times-table

1 Which 8 times-table fact does each picture show?

a)  \times 8 = fish

b)  \times = spots

c)  \times = counters

2 Work out the answers.

a) $6 \times 8 =$

e) = 8×10

b) $0 \times 8 =$

f) $64 = 8 \times$

c) = 12×8

g) $\times 8 = 8$

d) $5 \times 8 =$

h) $\times 8 = 56$

3 Fill in the missing numbers.

a)

8	16	24			48	
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b)

96	88		72			48	
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c)

40					80
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d)

40					0
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4 Work out the missing numbers.

a) $40 \div 8 = \square$

e) $\square = 72 \div 8$

b) $\square = 24 \div 8$

f) $\square \div 8 = 10$

c) $32 \div 8 = \square$

g) $\square \div 8 = 1$

d) $\square = 96 \div 8$

h) $\square \div 8 = 0$

5 Complete the sentences using $<$, $>$ or $=$

a) $2 \times 8 \bigcirc 10$

e) $32 \div 8 \bigcirc 4$

b) $5 \times 8 \bigcirc 6 \times 8$

f) $40 \div 8 \bigcirc 20$

c) $4 \times 8 \bigcirc 8 \times 4$

g) $16 \div 8 \bigcirc 8 \div 4$

d) $8 \times 3 \bigcirc 10 \times 8$

h) $88 \div 8 \bigcirc 88 \div 7$